



IQAC Peer Team
Academic and Administrative Audit (AAA) Report

Name of the College:	S.D. College, Barnala
Assessment Period:	2023-24
Year of Establishment:	1956
Whether NAAC accredited (Yes/No):	Yes
(If Yes, NAAC grade):	B
Name of the Principal:	Dr. Rama Sharma
No. of Teaching faculty:	77
No. of Non-Teaching staff:	50
No. of Programs offered:	(UG-11, PG-7)
No. of Students Enrolled:	2493
Average Pass Percentage (2023-2024):	86.91%
No. of Sanctioned Posts:	Teaching- 77, Non-teaching- 50
No. of Students Placed:	27
No. of Academic offices:	17
No. of Other Offices:	4
No. of Classrooms and Seminar Halls	35+4
Conference Room	01
Yoga and Meditation Centre	01
Badminton Courts	02
No. of Laboratories:	16
No. of Computers:	133
No. of Printers:	26
No. of Studios	1(JMT)
Whether Admission process computerised:	YES
Whether Administrative working computerised:	YES
Whether Library is Fully computerised:	YES
Whether the whole campus is Wi-fi enabled :	YES

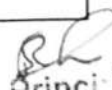


Principal
S.D. College, BARNALA



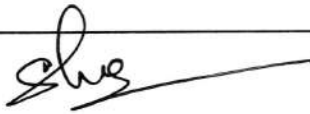

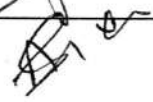
Section	Information
Institutional Strengths	<ul style="list-style-type: none"> • Use of innovative teaching learning methods • An amount of 10,98,161 lacs received under DBT College Star Scheme for strengthening the institute and the college been graded "A" in star College Scheme Review Meeting • Experienced and dedicated teaching staff • Well-disciplined student community • Running PG and Vocational Programs • Efficient and decentralized administrative structure • Enough financial resources • Adequate sports facility • Improved infrastructural facility • Establishment of Yoga and Meditation Room • Library with good number of books and e-resources • ICT - enabled teacher learning processes • Mentoring system for academic, stress related issues • Active units of NSS and NCC • Taking initiatives in quality enhancement activities under functional IQAC • Strong Proctorship • Strong Administrative Support • Updated Curriculum and Syllabi • Well Equipped Laboratories • Participation of teachers in orientation, refresher and short-term courses, training programs and FDPs • Centralized admission process • Feedback from Alumni, Parents, Students and Teachers to assess quality of curriculum and infrastructure • Implementation of eco-friendly practices for environmental friendliness • Proper maintenance of rainwater harvesting • Financial assistance to staff for attending conferences, seminars and workshops • Weightage given to co-curriculum activities for the overall development of the students • Departmental activities like field visits, study tours, industrial visits etc. as per the curriculum


 Principal
S.D. College, BARNALA


	<ul style="list-style-type: none"> • Proper maintenance of records in the academic and administrative departments • Centrally located campus of the college and well connected with villages • Proper implementation of Academic Calendar • Remedial classes for slow learners • Special guidance to Advanced Learners • Help desk for students belonging to reserve categories • Fee Concession to meritorious and needy students • Publication of Weekly newspaper "Samaj Te Patarkar"
Institutional Weaknesses	<ul style="list-style-type: none"> • A Quantum of students from poor economic backgrounds • Students' weak language proficiency • Less research facility • Limited employability to the students in the adjoining areas • Vacant grant-in-aid posts
Institutional challenges	<ul style="list-style-type: none"> • Admission to PG Courses • To develop research aptitude among students and teachers • Higher percentage of placement in Core Companies • To enhance linkage and collaboration with industries and research institutes • To get government financial support for self-financed programs • To strengthen activities for advanced and slow learners • To improve the student-teacher ratio sustaining non-granted courses
Institutional opportunities	<ul style="list-style-type: none"> • Strengthening of Placement Cell and Counselling Cell • Bridging the gap between Industry and Academia • To strengthen vocational/PG programs • More ICT facilities for teaching the students • To add more skill-oriented courses • Increasing research publication • Uplifting rural students' socio-economically • Strengthening of multi-interdisciplinary approach for better learning • Implementation of New Education Policy




 Principal
 S.D. College, BARNALA


Compliance of Recommendation given by NAAC peer team	Recommendations of NAAC peer team are being followed sincerely
Recommendations of IQAC Peer Team	<ul style="list-style-type: none"> • Enhancing Placement Cell activities • Strengthening communication skills of students • More involvement of Alumni in college activities • Upgradation of Language Lab • Implementation of NEP • More Research Projects and Publications
Compliance of Previous AAA report	<ul style="list-style-type: none"> • More Involvement of Faculty in research projects and Publications • Upgradation of Language Lab

S. No.	Name of the IQAC Peer Team Member	Designation	Signature
1.	Dr. Tapan Kumar Sahu	Principal S.D. College of Education, Barnala	
2.	Mr. Rakesh Kumar Garg	Vice Principal S.D. College of Pharmacy, Barnala	
3.	Mr. Ashwani Sikri	Associate Professor S.D. College, Barnala	

Date: 29-05-2024

S.D. College, BARNALA
Signature and seal of the
Head of the Institution


Principal
S.D. College, BARNALA




S.D. College, Barnala

Affiliated to Punjabi University, Patiala
NAAC Accredited

Only 30
Seats
Available

DEPARTMENT OF MATHEMATICS

Organises

DBT, Ministry of Science &
Technology

Sponsored

Two Days Workshop
on

“MATLAB”

(12.03.2024 - 13.03.2024)

Resource Persons

Dr. Vivek Sangwan

Assistant Professor
Department of Mathematics

Thapar Institute of Engineering & Technology,
Patiala

Dr. Paramjeet Singh

Associate Professor
Department of Mathematics

Thapar Institute of Engineering & Technology,
Patiala

Important Dates

👉 Last date for Registration	09 March 2024
👉 Workshop Starts	12 March 2024
👉 Workshop Ends	13 March 2024

ABOUT ORGANISING DEPARTMENT

Department of Mathematics is supported under DBT STAR college scheme (Ministry of Science and Technology, Govt. of India) since 2022. In year 2023 Computational Mathematics Laboratory has been setup to provide outstanding environment in learning Mathematics through practical oriented learning.

WORKSHOP OBJECTIVE

The objective of this program is to enhance the knowledge of programming skills which help the students, researchers and faculty.

Why MATLAB?

MATLAB is a high-level computer language for scientific computing and data visualization built around an interactive programming environment. The great advantage of MATLAB is that it allows the user to concentrate more on the principles behind the program and less on programming itself.

Chief Patron

Dr. Aneesh Parkash Ji
President, S. D. College Managing Committee

Patron

Dr. Rama Sharma
Principal, S.D. College, Barnala

Program Directors

Prof. Ashwani Sikri
Head, Department of Mathematics

Co-ordinators

Dr. Kulbhushan Rana
DBT Scheme Coordinator, Department of Chemistry
Prof. Upasana Rani,
Assistant Professor, Department of Mathematics

Organizing Committee

Prof. Gurkeert Singh, Department of Mathematics
Dr. Dimple, Department of Mathematics
Prof. Riya, Department of Mathematics

For further details and queries Contact

Prof. Ashwani Sikri
9872533442
Dr. Dimple
9988640330



<http://www.sdcollegeinstitutions.org>

S.D. COLLEGE BARNALA
DEPARTMENT OF MATHEMATICS
DBT Sponsored two days Workshop on MATLAB during 12th and 13th March 2024
STUDENT ATTENDANCE SHEET


S.No.	Name	Class	Class Roll No.	Day 1			Day 2		
1	Nandika	B.Sc.(NM)-I	230201001	Nandika	Nandika	Nandika	Nandika	Nandika	Nandika
2	Pritpal Kaur	B.Sc.(NM)-I	230201002	Pritpal Kaur	Pritpal Kaur	Pritpal Kaur	Pritpal Kaur	Pritpal Kaur	Pritpal Kaur
3	Kalpna devi	B.Sc.(NM)-I	230201003	Kalpna Devi	Kalpna Devi	Kalpna Devi	Kalpna Devi	Kalpna Devi	Kalpna Devi
4	Vikas Bansal	B.Sc.(NM)-I	230201004	Vikas Bansal	Vikas Bansal	Vikas Bansal	Vikas Bansal	Vikas Bansal	Vikas Bansal
5	Jashandeep singh	B.Sc.(NM)-I	230201005	Jashandeep Singh	Jashandeep Singh	Jashandeep Singh	Jashandeep Singh	Jashandeep Singh	Jashandeep Singh
6	Lovepreet Kaur	B.Sc.(NM)-I	230201007	Lovepreet Kaur	Lovepreet Kaur	Lovepreet Kaur	Lovepreet Kaur	Lovepreet Kaur	Lovepreet Kaur
7	Navpreet kaur	B.Sc.(NM)-I	230201009	Navpreet kaur	Navpreet kaur	Navpreet Kaur	Navpreet Kaur	Navpreet Kaur	Navpreet Kaur
8	Kulveer Kaur	B.Sc.(NM)-I	230201010	Kulveer Kaur	Kulveer Kaur	Kulveer Kaur	Kulveer Kaur	Kulveer Kaur	Kulveer Kaur
9	Tej Parkash Goyal	B.Sc.(NM)-I	230201011	Tej Parkash	Tej Parkash	Tej Parkash	Tej Parkash	Tej Parkash	Tej Parkash
10	Manpreet Kaur	B.Sc.(NM)-I	230201012	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur
11	Manjot Singh	B.Sc.(NM)-I	230201015	Manjot Singh	Manjot Singh	Manjot Singh	Manjot Singh	Manjot Singh	Manjot Singh
12	Komalpreet kaur	B.Sc.(NM)-I	230201018	Komal	Komal	Komal	Komal	Komal	Komal
13	Manpreet Kaur	B.Sc.(NM)-I	230201019	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur	Manpreet Kaur
14	Rajveer kaur	B.Sc.(NM)-I	230201020	Rajveer kaur	Rajveer kaur	Rajveer kaur	Rajveer kaur	Rajveer kaur	Rajveer kaur
15	Heena	B.Sc.(NM)-I	230201021	Heena	Heena	Heena	Heena	Heena	Heena
16	Prabhjot kaur	B.Sc.(NM)-I	230201022	Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur	Prabhjot Kaur
17	Danu Priya	B.Sc.(NM)-I	230201023	Danu Priya	Danu Priya	Danu Priya	Danu Priya	Danu Priya	Danu Priya
18	Yuvraj Modgill	B.Sc.(NM)-I	230201025	Yuvraj	Yuvraj	Yuvraj	Yuvraj	Yuvraj	Yuvraj
19	Navjot Kaur	B.Sc.(NM)-I	230201030	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur
20	Eeshita Grover	B.Sc.(NM)-I	230201032	Eeshita Grover	Eeshita Grover	Eeshita Grover	Eeshita Grover	Eeshita Grover	Eeshita Grover
21	Jaspreet kaur	B.Sc.(NM)-I	230201038	Jaspreet	Jaspreet	Jaspreet	Jaspreet	Jaspreet	Jaspreet
22	Balkar Singh Bangarh	B.Sc.(NM)-I	230201039	Balkar Singh	Balkar Singh	Balkar Singh	Balkar Singh	Balkar Singh	Balkar Singh

Principal
S.D. College, BARNALA

ASHWANI SIKRI
 Head, Department of
 Mathematics, S.D. College
 Barnala

23	Satwant kaur	B.Sc.(NM)-I	230201043	Satwant	Satwant	Satwant	Satwant	Satwant	Satwant
24	Doli Dagur	B.Sc.(NM)-I	230201046	Doli	Doli	Doli	Doli	Doli	Doli
25	Aasdeep Kaur	B.Sc.(NM)-I	230201049	Aasdeep Kaur	Aasdeep Kaur	Aasdeep Kaur	Aasdeep Kaur	Aasdeep Kaur	Aasdeep Kaur
26	Jashanpreet kaur	B.Sc.(NM)-I	230201050	Jashanpreet kaur	Jashanpreet kaur	Jashanpreet kaur	Jashanpreet kaur	Jashanpreet kaur	Jashanpreet kaur
27	Palak	B.Sc.(NM)-I	230201058	Palak	Palak	Palak	Palak	Palak	Palak
28	Navjot Kaur	B.Sc.(NM)-I	230201074	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur	Navjot Kaur
29	Narayan Sharma	BA-I	230501071	Narayan Sh	Narayan Sh	Narayan Sh	Narayan Sh	Narayan Sh	Narayan Sh
30	Jasnoor kaur	BA-I	230501077	Jasnoor Kaur	Jasnoor Kaur	Jasnoor Kaur	Jasnoor Kaur	Jasnoor Kaur	Jasnoor Kaur
31	Husanpreet Singh	BA-I	230501084	Husanpreet Singh	Husanpreet Singh	Husanpreet Singh	Husanpreet Singh	Husanpreet Singh	Husanpreet Singh
32	Khushpreet kaur	BA-I	230501312	Khushpreet k	Khushpreet k	Khushpreet k	Khushpreet k	Khushpreet k	Khushpreet k
33	Somiya	BA-II	230502029	Somiya	Somiya	Somiya	Somiya	Somiya	Somiya
34	Minakshi rani	BA-II	230502040	Minakshi Rani	Minakshi Rani	Minakshi Rani	Minakshi Rani	Minakshi Rani	Minakshi Rani
35	Jashan	BA-II	230502059	Jashan Singh	Jashan Singh	Jashan Singh	Jashan Singh	Jashan Singh	Jashan Singh


Principal
S.D. College, BARNALA


ASHWANI SIKRI
Head, Department of
Mathematics,
S.D. College,
Barnala

S. D. COLLEGE BARNALA

DEPARTMENT OF MATHEMATICS

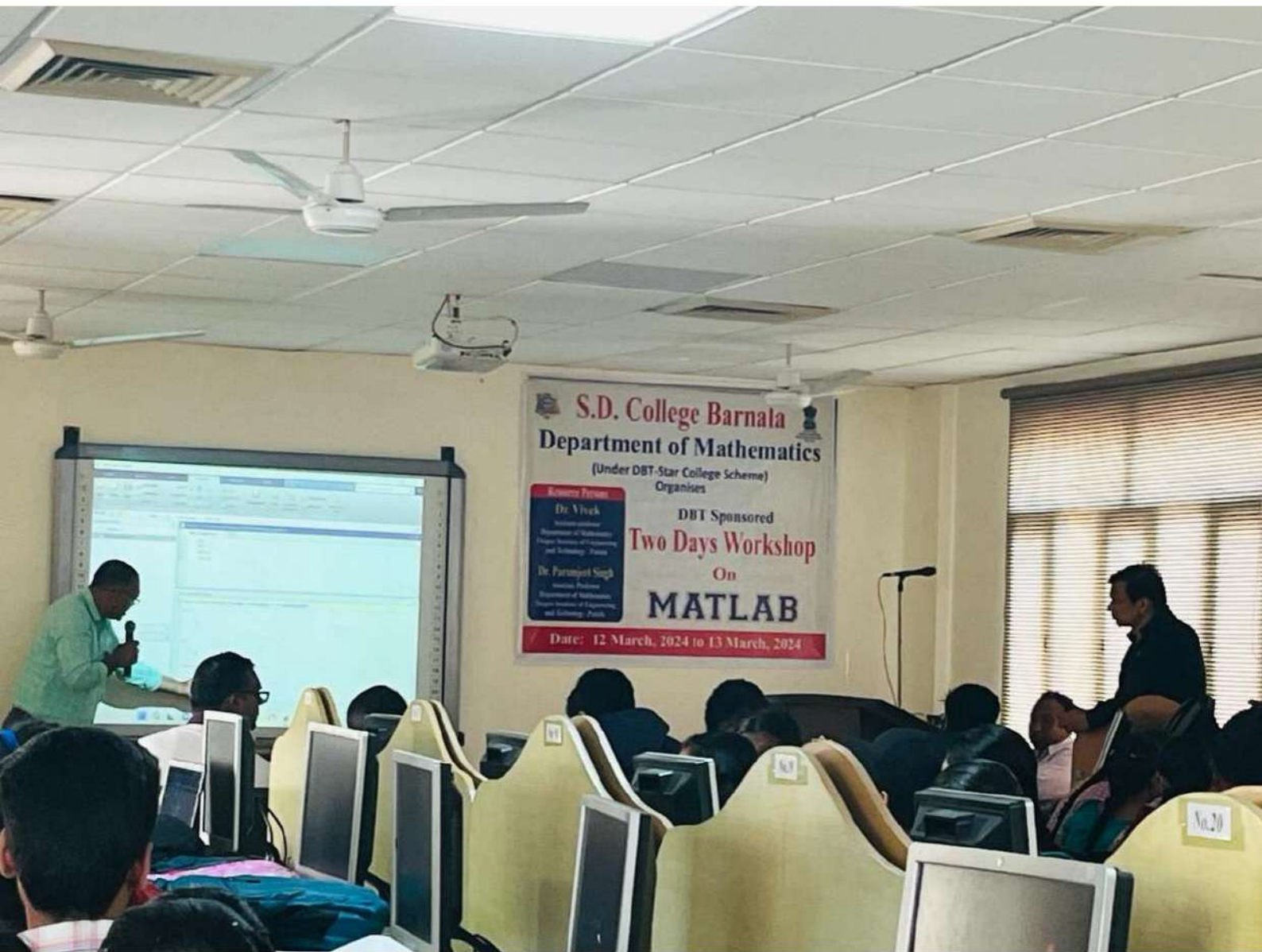
DBT Sponsored Two Days Workshop on MATLAB during March 12th to 13th , 2024

TEACHER ATTENDANCE SHEET

Sr. No.	Name	Department	Day 1			Day 2		
1	Upasana Rani, Associate Professor	Mathmatics	Upasana	Upasana	Upasana	Upasana	Upasana	Upasana
2	Gurkeert Singh, Assiatant Professor	Mathmatics	G Singh	G Singh	G Singh	G Singh	G Singh	G Singh
3	Riya, Assiatant Professor	Mathmatics	Riya	Riya	Riya	Riya	Riya	Riya
4	Rachhpal Singh, Assiatant Professor	Management	Rachhpal	Rachhpal	Rachhpal	Rachhpal	Rachhpal	Rachhpal
5	Baltej Singh, Assiatant Professor	Physics	Baltej	Baltej	Baltej	Baltej	Baltej	Baltej
6	Sanjay Kumar Singh, Assiatant Professor	Physics	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay	Sanjay
7	Mandeep Kaur, Assiatant Professor	Management	M Kaur	M Kaur	M Kaur	M Kaur	M Kaur	M Kaur
8	Savita Sood, Associate Professor	Chemistry	Savita	Savita	Savita	Savita	Savita	Savita
9	Rajni Gupta, Associate Professor	Chemistry	Rajni Gupta	Rajni Gupta	Rajni Gupta	Rajni Gupta	Rajni Gupta	Rajni Gupta
10	Kulbhusan Rana, Associate Professor	Chemistry	Kulbhusan	Kulbhusan	Kulbhusan	Kulbhusan	Kulbhusan	Kulbhusan
11	Sonia Goyal, Assiatant Professor	Commerce	Sonia	Sonia	Sonia	Sonia	Sonia	Sonia
12	Gitanjali Jain, Assiatant Professor	Commerce	Gitanjali	Gitanjali	Gitanjali	Gitanjali	Gitanjali	Gitanjali
13	Jatinder Kaur, Assiatant Professor	Commerce	Jatinder	Jatinder	Jatinder	Jatinder	Jatinder	Jatinder
14	Khushbu Singla, Assiatant Professor	Commerce	Khushbu	Khushbu	Khushbu	Khushbu	Khushbu	Khushbu
15	Ekta Bansal, Assiatant Professor	Commerce	Ekta	Ekta	Ekta	Ekta	Ekta	Ekta

Principal
S.D. College, BARNALA

Prof. Ashwani Kumar,
Head, Department of Mathematics,
SD College, Barnala



S.D. College Barnala
Department of Mathematics
(Under DBT-Star College Scheme)
Organises

DBT Sponsored
Two Days Workshop
On
MATLAB

Date: 12 March, 2024 to 13 March, 2024

Resource Persons
Dr. Vivek
Assistant Professor
Department of Mathematics
Jagadgurukul Institute of Engineering
and Technology, Patna

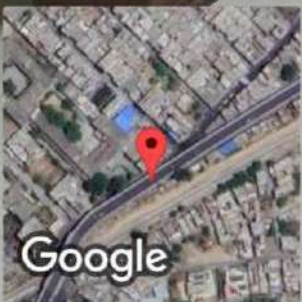
Dr. Parimol Singh
Assistant Professor
Department of Mathematics
Jagadgurukul Institute of Engineering
and Technology, Patna

No.20

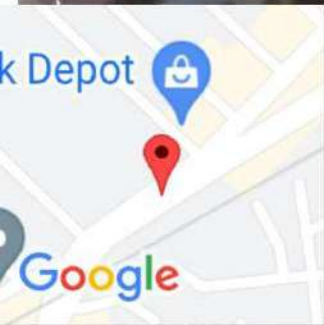




 **GPS Map Camera**



Barnala, Punjab, India
9G8P+4WH, Shakti Nagar, Barnala, Punjab 148101, India
Lat 30.365325°
Long 75.537488°
13/03/24 01:50 PM GMT +05:30



Barnala, Punjab, India


1205, KC Rd, Shakti Nagar, Barnala, Punjab 148101, India

Lat 30.365304°

Long 75.53741°

12/03/24 02:04 PM GMT +05:30

ghar Captured by GPS Map Camera

 **GPS Map Camera**

Report of Workshop on MATLAB SOFTWARE dated 12th & 13th October 2024

A two-day workshop was held on March 12th and 13th, 2024, by the Department of Mathematics in which 36 students participated. Dr. Vivek Sangwan, Assistant Professor at the Mathematics department of Thapar Institute of Engineering and Technology, Patiala, provided an overview of MATLAB software on the first day and taught the students how to operate matrices and programming. On the second day, Dr. Paramjeet Singh, Associate Professor in the Mathematics department at Thapar Institute of Engineering and Technology, Patiala, further expanded the students' understanding by guiding them in creating more challenging programs. He emphasized the importance of learning programming languages for students to succeed in any field.


Prof. Ashwani Kumar
Head, Department of Mathematics,
S D College, Barnala

S. No. 10: DBT sponsored Lab Visit at Department of Physics and Idea lab, MRSPTU Bathinda on 20-03-2024

The Department of Physics, S.D College, Barnala organised a One-Day Educational Tour under DBT Star College Scheme on 20.03.2024. Total 30 students of B.Sc. III Non-Medical under the supervision of by Dr. Sanjay Kumar Singh visited Department of Physics and Idea Lab of MRSPTU, Bathinda. Dr. Satnam Singh, Assistant Professor, Department of Physics, MSRPTU, introduced to the students with all instruments available in Radiation Physics Lab, Electronics Lab and Idea Lab.





S. No. 11: Bureau of Indian Standard (BIS) Club organized an Industrial Visit to Shakunt Enterprises Pvt. Ltd Ludhiana on 27 March 2024

The Bureau of Indian Standard (BIS) Club of S. D. College, Barnala, organized a one-day industrial tour on 27th April 2024. The visit aimed to provide practical exposure to 40 students from BSc III and BSc I non-medical under the guidance of Dr. Sanjay Kumar Singh, Mentor of BIS. The destination of the tour was Shakunt Enterprises Pvt. Ltd. located in Ludhiana. The primary objective of the visit was to familiarize students with the practical

aspects of the manufacturing processes, specifically focusing on Mig and flux welding wires utilized in various welding applications for machines and automobiles.



Educational Expedition to PAU, Ludhiana



The Department of Chemistry organised an educational expedition to PAU, Ludhiana on March 27, 2024. The students, under the supervision of Dr. Kulbhushan Rana and Mrs. Rajni Gupta visited the Department of Chemistry and Soil Sciences. Dr. Vijaykant Singh guided students through the soil museum, explaining soil types and composition. They also explored chemistry labs, learning about analytical instruments like AES and AAS. Additionally, they received insights into water and electricity conservation at the Dr. Uppal Museum of Water and Power Resources.

Activities (under DBT Star College Scheme) by the Department of Chemistry

Botany Visits/Tours

Visit to Harvaas Nursery on 4th March, 2024

A visit to Harvaas Nursery, Cheema Jodhpur, Barnala was organised on 4th March, 2024 by Botany Dept under DBT Star College Scheme. During the visit, students of B.Sc Medical II Sem IV have learnt various techniques of Vegetative plant Propagation such as Tongue Grafting, Wedge grafting, use of leaves, stems and roots for vegetative propagations of various ornamental and fruit plant varieties. Students have seen a variety of flowering plants, fruit plants, gymnosperms, medicinal plants etc. Students also gained knowledge of soil preparations and treatments used by nursery growers. Conclusively this visit was quite fruitful to students as this visit acquainted them with various methods of vegetative propagation which are also a part of their syllabus.



5 ਐਤਵਾਰ, 10 ਮਾਰਚ 2024

ਸਮਾਜ ਤੇ ਪੱਤਰਕਾਰ

ਐੱਸ. ਡੀ. ਕਾਲਜ ਦੇ ਬੀ.ਐਸਸੀ (ਮੈਡੀਕਲ) ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਵੱਲੋਂ ਪਲਾਂਟ ਨਰਸਰੀ ਦਾ ਦੌਰਾ

ਬਠਿੰਡਾ, 10 ਮਾਰਚ (ਸ਼ਿਵਕੋਸ਼) - ਐੱਸ. ਡੀ. ਕਾਲਜ ਬਠਿੰਡਾ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਦੇ ਦੁਆਰਾ ਸੰਗਠਿਤ ਇੱਕ ਖਾਸ ਯਾਤਰਾ 4 ਮਾਰਚ 2024 ਨੂੰ ਹੋਈ। ਇਸ ਯਾਤਰਾ ਵਿੱਚ ਬੀ.ਐਸਸੀ (ਮੈਡੀਕਲ) ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੌਦਿਆਂ ਦੀ ਪ੍ਰਜਨਨ ਵਿੱਚ ਵਰਤੋਂ ਵਾਲੀਆਂ ਤਕਨੀਕਾਂ ਅਤੇ ਵੱਖ-ਵੱਖ ਪ੍ਰਜਨਨ ਪ੍ਰਣਾਲੀਆਂ ਨੂੰ ਸਮਝਾਇਆ ਗਿਆ। ਇਸ ਦੌਰਾਨ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੌਦਿਆਂ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਪ੍ਰਜਨਨ ਪ੍ਰਣਾਲੀਆਂ ਨੂੰ ਪ੍ਰਦਰਸ਼ਿਤ ਕੀਤਾ ਗਿਆ ਅਤੇ ਉਹਨਾਂ ਨੂੰ ਵੱਖ-ਵੱਖ ਪ੍ਰਜਨਨ ਪ੍ਰਣਾਲੀਆਂ ਦੀ ਵਰਤੋਂ ਕਰਕੇ ਪੌਦਿਆਂ ਦੀ ਪ੍ਰਜਨਨ ਵਿੱਚ ਵਰਤੋਂ ਵਾਲੀਆਂ ਤਕਨੀਕਾਂ ਅਤੇ ਵੱਖ-ਵੱਖ ਪ੍ਰਜਨਨ ਪ੍ਰਣਾਲੀਆਂ ਨੂੰ ਪ੍ਰਦਰਸ਼ਿਤ ਕੀਤਾ ਗਿਆ। ਇਸ ਯਾਤਰਾ ਵਿੱਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੌਦਿਆਂ ਦੀ ਪ੍ਰਜਨਨ ਵਿੱਚ ਵਰਤੋਂ ਵਾਲੀਆਂ ਤਕਨੀਕਾਂ ਅਤੇ ਵੱਖ-ਵੱਖ ਪ੍ਰਜਨਨ ਪ੍ਰਣਾਲੀਆਂ ਨੂੰ ਪ੍ਰਦਰਸ਼ਿਤ ਕੀਤਾ ਗਿਆ। ਇਸ ਯਾਤਰਾ ਵਿੱਚ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਪੌਦਿਆਂ ਦੀ ਪ੍ਰਜਨਨ ਵਿੱਚ ਵਰਤੋਂ ਵਾਲੀਆਂ ਤਕਨੀਕਾਂ ਅਤੇ ਵੱਖ-ਵੱਖ ਪ੍ਰਜਨਨ ਪ੍ਰਣਾਲੀਆਂ ਨੂੰ ਪ੍ਰਦਰਸ਼ਿਤ ਕੀਤਾ ਗਿਆ।



To
The Principal,
SD College,
Barnala.

W/ sanctioned no. 06
20/01/24
DBT Sanctioning files

Subject: Permission to visit to Harvaas Nursery, Cheema Jodhpur (Barnala) under DBT Star College Scheme.

Respected Mam,

With due respect, it is stated that Department of Botany wishes to organize a visit to Harvaas Nursery, Cheema Jodhpur (Barnala) on 4th March, 2024 for B.Sc II Medical students under DBT Star College Scheme. The estimated expenditure for the same will be Rs. 3000/- (for Bus fare, Banner & Photography). Departmental teachers will go along with students during this visit.

You are requested to allow us to organize a visit to Harvaas Nursery, Cheema Jodhpur (Barnala) and allow us to spend above mentioned funds under recurring grant allocated to the Department of Botany under DBT Star College Scheme. Looking forward for favourable response.

Thanking you,

Yours Sincerely,

Manish Kumar 29/2/24
Dr. Manish Kumar,
Assistant Professor (Botany),
SD College Barnala.

AB →
RKH
29/02/24

DA:

1. Sanctioned letter of Ministry of Science & Technology, DBT, GOI.
2. Sanction and approval letter from Worthy Management.

Visit to DST-CURIE Research & Teaching Laboratory (DCRTL), Govt. College for Girls, Ludhiana on 12th March, 2024

Department of Botany organised a visit to DST-CURIE Research & Teaching Laboratory (DCRTL), Govt. College for Girls, Ludhiana on 12th March, 2024. Dr. Manish Kumar and Dr. Amardeep Kaur along with 35 students visited this place. On reaching, two extension lectures were also given to students of B.Sc. Medical by Dr. Tarunpreet Singh Thind, Assistant Professor & Nodal Officer, DST-CURIE Program, Govt. College for Girls, Ludhiana (Punjab). The topic for First lecture was "Instrumentation in Life Sciences" in which Dr. Thind discussed various high tech equipments used in life sciences research and also explained the basic principles of their working. In the second lecture i.e. "Scope of Plant Sciences' ', he told students about various opportunities in plant sciences for which they can go after completion of graduation. After two lectures, students were taken to DST-CURIE Research & Teaching Laboratory (DCRTL), where students got opportunity to see and handle various equipment such as Multiple Elisa Reader, High Volume Air Sampler, Phase contrast Microscope, Fluorescent Microscope, UV Visible Spectrophotometer, Rotary Vacuum evaporator, Soil and Water Analysis Kit, Electrophoresis Assemblies etc. After this, students were taken to the Botanical Garden and Mushroom Cultivation Unit in their College Campus, where students saw various species of medicinal, economically important & hydrophytic plants, and also gained knowledge about mushroom cultivation.



The Principal,
SD College,
Barnala.

W/ Sanction no. 06
20/01/24

Subject: Permission to organise educational visit to DST-CURIE Research & Teaching Laboratory (DCRTL), Govt. College for Girls, Ludhiana under DBT Star College Scheme.

Respected Madam,

With due respect, it is stated that Department of Botany wishes to organise one Day Educational Visit to DST-CURIE Research & Teaching Laboratory (DCRTL), Govt. College for Girls, Ludhiana on 12 March, 2024 under DBT Star College Scheme. This laboratory is well equipped with all the high-tech instruments and registered with Ministry of Micro, Small & medium Enterprises (MSME), Govt. of India. This visit will provide great exposure of instrumentation/techniques to the B.Sc. Medical students. Approximately 45 students of B.Sc. Medical accompanied by botany faculty will visit the lab.

The estimated expenditure for the above said educational visit will be Rs. 12,500 approx. (for Bus fare, Banner, Photography etc.) under recurring head of DBT grant. Kindly sanction the above said amount & permit us to organise this educational visit.

Thanking you,

Yours Sincerely,

Manish Kumar
Dr. Manish Kumar, 5/3/24

Assistant Professor (Botany)
SD College Barnala.

AD 10/01/24 DBT AC
[Signature]

Visit to Ghumaan Seed Farm, Nagra, Sangrur on 21st March, 2024

A visit to Ghumaan Seed Farm, Nagra, Sangrur was organised on 21st March, 2024 by Botany Dept under DBT Star College Scheme. During this seed farm visit, students learned the methods for separation of seeds of different varieties by using various equipments such as indented cylinder seed grader, seed cleaner, power duster, impurities removal machine etc. Students also visited the fields various crops viz. carrots, Pea, Wheat, Radish, Maize etc were sown for the purpose of improved seed quality and their distribution to farmer after seed testing by PAU Ludhiana. They also learnt technical; packing of seed bags to be sent for screening and quality testing PAU Ludhiana.



R) Financial Committee
for remarks

Rh

To

The Principal,
S D College,
Barnala.

Subject: Permission for visit to 'Ghuman Seed Farm',
(Sangrur) under DBT Star College Scheme, by
department of Botany.

Respected Ma'am,

It is humbly requested that Deptt. of Botany is organizing a visit to "Ghuman Seed Farm", Sangrur for B.Sc. Medical Students on 21st March 2024. Dr. Manish Kumar and Dr. Amardeep will accompany the students. Some field practicals will also be performed. Please allow and sanction Rupees 5900/- from travel grant and Rs. 500/- from contingency grant allotted to Deptt. of Botany under DBT Star College scheme.

Thanking You.

Yours Sincerely,

Amy

Dr. Amardeep Kumar
Dr. Manish Kumar

Recommended
Kuse
Ran

10% DBT AC
Rh

Respected Madam,
It is valid expenditure as
per D.R.T. norms

Rh
Prof. Pooja

Educational Visit to Fish Farm



On March 15th, 2024, the Department of Zoology organised an Educational Tour to Fish Farm, Katron (Sangrur), Punjab, where students learned about pisciculture, observed fish of various sizes in preparation and stock ponds, gained insights into water testing, and witnessed the operation of a biogas plant.

Educational Visit to Bir Talab Zoo

An Educational Visit to Bir Talab Mini Zoo, (Bathinda) was organised by the Department of Zoology on March 9th, 2024 to provide students practical learning experience about wildlife, biodiversity and conservation efforts.



Activities (under DBT Star College Scheme) by the Department of Zoology

1. Educational Trip to Sant Longowal Institute of Engineering and Technology, Longowal

The students and faculty members from the Department of Mathematics embarked on an educational trip to Sant Longowal Institute of Engineering and Technology, Longowal on March 21, 2024. Dr. Mishra elucidated practical applications of mathematical concepts in daily life. Dr. Vijay Kumar Kukreja enriched the visit with a comprehensive lecture on MATLAB Software, complemented by hands-on learning in the department's computer labs. The students also visited other departments such as Physics and Chemistry.



ਐਸ. ਡੀ. ਕਾਲਜ, ਬਰਨਾਲਾ



ਸਨਾਤਨ ਧਰਮ ਕਾਲੇਜ, ਬਰਨਾਲਾ

S.D. COLLEGE, BARNALA

(Affiliated to Punjabi University, Patiala)

Phone : 01679-230005 (O) Fax : 241505

Email : sdcbnl@yahoo.com

Website : sdcollegeinstitutions.org

SDC(B)/2024/18&55

Date: 26.03.2024

To whom it may concern

Following students of B.Voc. MLMDT-II year and faculty members of S D College Barnala will visit Pathology Lab of Homi Bhabha TATA Memorial Cancer Hospital, Sangrur on 27.03.2024.

Students:

- | | |
|--------------------|-----------------------|
| 1. Simranjit Kaur | 8. Shvicharan |
| 2. Rupali | 9. Khushpreet Kaur |
| 3. Harshpreet Kaur | 10. Kulwinder Kaur |
| 4. Lakhvir Kaur | 11. Gagandeep Kaur |
| 5. Rekha | 12. Palak |
| 6. Tanvi | 13. Navjot Kaur |
| 7. Arshdeep Singh | 14. Harprabhleen Kaur |

Teachers:

1. Prof. Vandana Kukreja
2. Prof. Poonam Garg


Dr. Rama Sharma

Principal



ਬੀ.ਵਾਕ ਐਮ.ਐਲ.ਐਮ.ਡੀ.ਟੀ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਕੈਂਸਰ ਹਸਪਤਾਲ ਸੰਗਰੂਰ ਦਾ ਦੌਰਾ ਕੀਤਾ



Sangrur, Punjab, India
Emergency Of Civil Hospital, Mukharji Mahal Colony, Sangrur, Punjab 148001, India



GPS Map Camera

ਬਰਨਾਲਾ, (ਸ.ਮ. ਬਿਊਰੋ) - ਐੱਸ ਡੀ ਕਾਲਜ ਬਰਨਾਲਾ ਦੇ ਬੀ.ਵਾਕ ਮੈਡੀਕਲ ਲੈਬਰਟਰੀ ਅੰਡ ਮੋਲੀਕਿਊਲਰ ਡਾਇਗਨੋਸਟਿਕ ਟੈਕਨਾਲੋਜੀ ਵਿਭਾਗ ਦੇ ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਹੋਮੀ ਬ੍ਰਾਬਾ ਟਾਟਾ ਮੈਮੋਰੀਅਲ ਕੈਂਸਰ ਹਸਪਤਾਲ ਸੰਗਰੂਰ ਦੇ ਪੈਥਾਲੋਜੀ ਲੈਬ ਦਾ ਦੌਰਾ ਕੀਤਾ। ਵਿਭਾਗ ਦੇ ਮੁਖੀ ਡਾ.ਵੰਦਨਾ ਕੁਕਰੇਜਾ ਅਤੇ ਪ੍ਰੋ. ਪੁਨਮ ਗਰਗ ਦੀ ਅਗਵਾਈ ਵਿੱਚ ਵਿਭਾਗ ਦੇ 15 ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਲੈਬ ਦੀਆਂ ਵੱਖ-ਵੱਖ ਗਤੀਵਿਧੀਆਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਹਾਸਲ ਕੀਤੀ। ਡਾ. ਸੰਕਲਪ ਅਤੇ ਸ੍ਰੀ ਸੰਦੀਪ ਨੇ ਬਾਇਓ ਕੈਮੀਕਲ ਐਨਾਲਾਈਜਰ ਅਤੇ ਹੀਮੋਟੋਲੋਜੀਕਲ ਐਨਾਲਾਈਜਰ ਦੇ ਰਾਹੀਂ ਇੱਕ ਸੈਂਪਲ ਦੇ ਵੱਖ-ਵੱਖ ਟੈਸਟਾਂ ਦੀ ਜਾਂਚ ਦੀ ਜਾਣਕਾਰੀ ਪ੍ਰਦਾਨ ਕੀਤੀ। ਇਸ ਮੌਕੇ ਦੀ ਖਾਸੀਅਤ ਹੈ ਕਿ ਇਸ ਵਿੱਚ ਇੱਕ ਸਮੇਂ ਵਿੱਚ 200 ਵੱਖ-ਵੱਖ ਸੈਂਪਲਾਂ ਦੀ ਜਾਂਚ ਕੀਤੀ ਜਾ ਸਕਦੀ ਹੈ। ਇਸ ਦੌਰਾਨ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਕੈਂਸਰ ਵਰਗੀਆਂ ਬਿਮਾਰੀਆਂ ਦਾ ਪਤਾ ਲਗਾਉਣ ਲਈ ਟਿਸੂ ਸਲਾਈਡਸ ਬਣਾਉਣ ਦੀ ਜਾਣਕਾਰੀ ਵੀ ਦਿੱਤੀ ਗਈ। ਵਿਦਿਆਰਥੀਆਂ ਨੇ ਮਾਈਕਰੋ ਵਾਇਲੋਜੀ ਲੈਬ ਦਾ ਦੌਰਾ ਵੀ ਕੀਤਾ ਅਤੇ ਵੱਖ-ਵੱਖ ਕਿਸਮਾਂ ਦੇ ਜੀਵਾਣੂਆਂ ਦੀ ਪਰਖ ਕਰਨ ਦੀਆਂ ਤਕਨੀਕਾਂ ਬਾਰੇ ਜਾਣਕਾਰੀ ਪ੍ਰਾਪਤ ਕੀਤੀ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਹੋਮੀ ਬ੍ਰਾਬਾ ਟਾਟਾ ਮੈਮੋਰੀਅਲ ਕੈਂਸਰ ਹਸਪਤਾਲ ਬਾਰੇ ਜਾਣਕਾਰੀ ਦਿੱਤੀ ਗਈ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਦੱਸਿਆ ਗਿਆ ਕਿ ਉਹ ਕਿਸ ਤਰ੍ਹਾਂ ਆਪਣੀ ਗ੍ਰੈਜੂਏਸ਼ਨ ਦੀ ਡਿਗਰੀ ਪੂਰੀ ਕਰਨ ਉਪਰੰਤ ਖੇਤਰ ਸਿੱਖਿਆ ਅਤੇ ਪੇਸਟ ਗ੍ਰੈਜੂਏਸ਼ਨ ਲਈ ਦਾਖਲਾ ਲੈ ਸਕਦੇ ਹਨ। ਇਹਨਾਂ ਦੋਹਾਂ ਕੋਰਸਾਂ ਲਈ ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਮਹੀਨਾ ਵਾਰ ਵਜੀਵਾ ਵੀ ਦਿੱਤਾ ਜਾਂਦਾ ਹੈ। ਵਿਦਿਆਰਥੀਆਂ ਨੂੰ ਦੱਸਿਆ ਗਿਆ ਕਿ ਉਹ ਇੱਥੇ ਹਰ ਸਾਲ ਦੇ ਤੌਰ 'ਤੇ ਚਾਰ ਸੀਟਾਂ ਐਮਐਸਸੀ (ਹਿਸਟੋ- ਪੈਥੋਲੋਜੀ) ਲਈ ਹੁੰਦੀਆਂ ਹਨ ਅਤੇ ਵਿਦਿਆਰਥੀ ਇਥੇ ਦਾਖਲਾ ਲੈ ਸਕਦੇ ਹਨ। ਵਿਦਿਆਰਥੀ ਨਵੀਆਂ ਤਕਨੀਕਾਂ ਲੈਬਰਟਰੀ ਬਾਰੇ ਜਾਣਨ ਲਈ ਮੁੱਲਾਪੁਰ ਵਿਖੇ ਨਵੇਂ ਸਥਾਪਿਤ ਕੀਤੇ ਗਏ ਟਾਟਾ ਕੈਂਸਰ ਹਸਪਤਾਲ ਦਾ ਦੌਰਾ ਕਰ ਸਕਦੇ ਹਨ।





Sangrur, Punjab, India

144, Guru Nanak Colony, Mubarik Mehal Colony, Sangrur, Punjab 148001, India

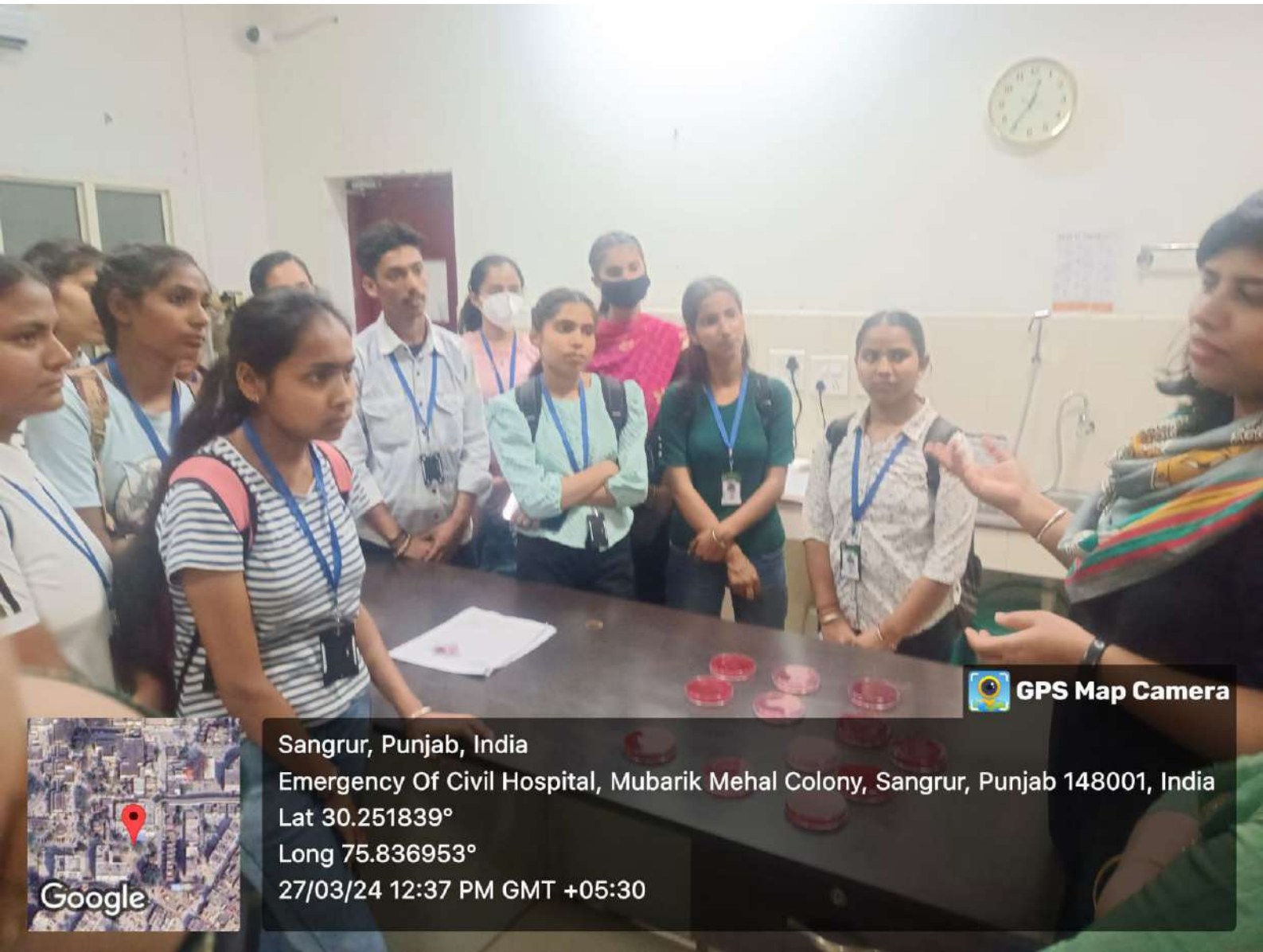
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Long 75.838001°

27/03/24 12:55 PM GMT +05:30



Google




 **GPS Map Camera**

Sangrur, Punjab, India
Emergency Of Civil Hospital, Mubarik Mehal Colony, Sangrur, Punjab 148001, India
Lat 30.251839°
Long 75.836953°
27/03/24 12:37 PM GMT +05:30



Google



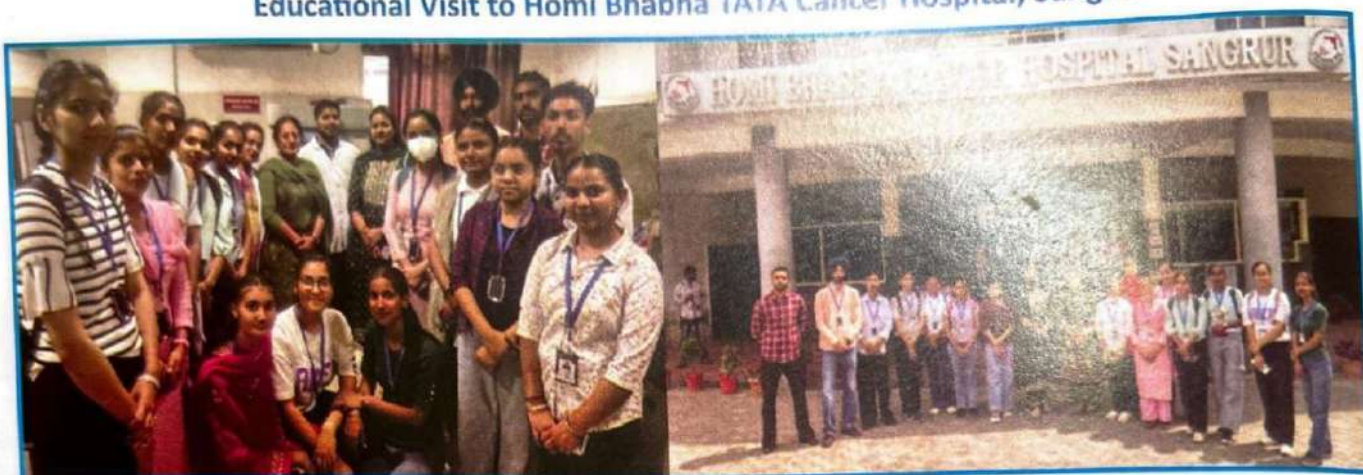
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Google

Sangrur, Punjab, India
Emergency Of Civil Hospital, Mubarik Mehal Colony, Sangrur, Punjab 148001, India
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Long 75.836639°
27/03/24 12:46 PM GMT +05:30

Educational Visit to Homi Bhabha TATA Cancer Hospital, Sangrur



On March 27, 2024, 15 B.Voc MLMDT students, accompanied by Dr. Vandana Kukreja and Prof. Poonam Garg, visited Homi Bhabha Cancer Hospital in Sangrur. They toured various labs and learned about sample collection, tissue processing, and cancer detection tests from Dr. Sankalp and Mr. Sandeep. The students also discovered how permanent tissue slides are made and were informed about training and postgraduate opportunities at the hospital. This hands-on experience gave them valuable insights into cancer diagnostics and potential career paths in Oncology.

ਐਸ. ਡੀ. ਕਾਲਜ, ਬਰਨਾਲਾ



ਸਨਾਤਨ ਧਰਮ ਕਾਲੇਜ, ਬਰਨਾਲਾ

S.D. COLLEGE, BARNALA

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Website : sdcollegeinstitutions.org

SDC(B)/2023/17612

Date: 15.09.2023

To

The SMO
Civil Hospital
Barnala


Subject:- Regarding visit to Medical Laboratory (Pathology) of civil Hospital, Barnala

Respected Sir,

There is a course of B.Voc (Medical Laboratory and Molecular Diagnostic Technology) in S.D.College, Barnala. We want our students to visit Pathology Laboratory of Civil Hospital, Barnala. Kindly allow 32 Students alongwith 2 teachers for the visit preferably in two batches as per your convenience.

Thanking You,


Warm Regards


(Dr. Rama Sharma)
Principal








 **GPS Map Camera**

Barnala, Punjab, India
4113, 16 Acre Colony, Barnala, Punjab 148101, India
Lat 30.375715°
Long 75.543443°
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 **GPS Map Camera**

Barnala, Punjab, India
4113, 16 Acre Colony, Barnala, Punjab 148101, India
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 **GPS Map Camera**

Barnala, Punjab, India
9GGV+5C9, Gali Number 1, Guru Nanak Nagar, Barnala, Punjab 148101, India
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Long 75.543601°
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 **GPS Map Camera**

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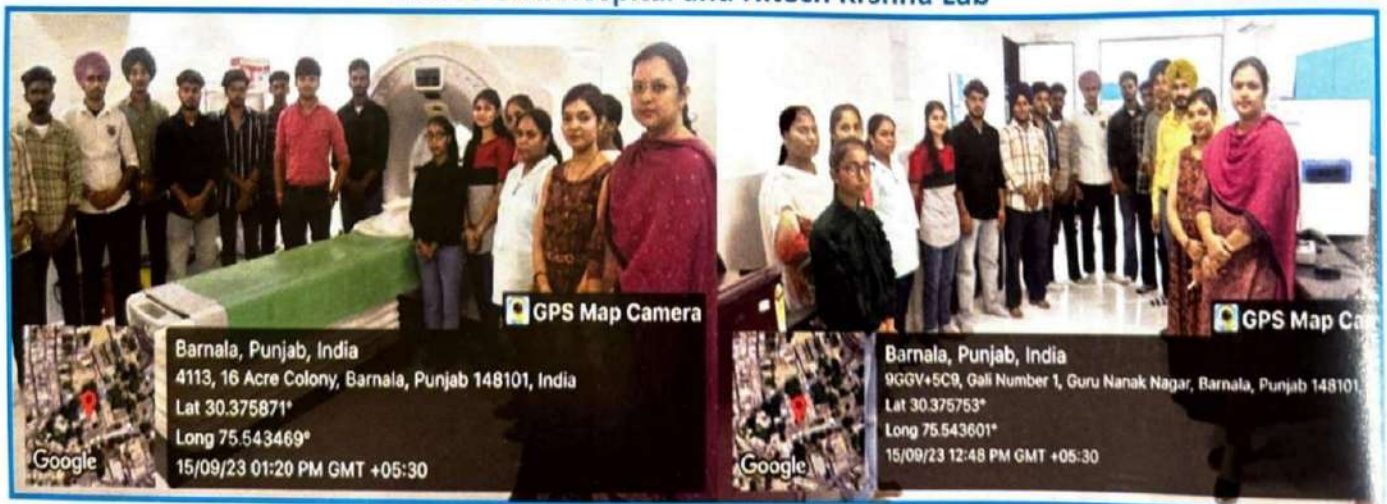


Google

Activities Galore

Department of B.Voc (MLMDT)

Visit to Civil Hospital and Hitech Krsnaa Lab



On September 15, 2023, 32 students of B.Voc MLMDT (I) visited clinical laboratories of Civil Hospital, Barnala under the mentorship of Prof. Poonam Garg and Prof. Ritika Garg. They explored Biochemistry, Haematology, Microbiology labs, as well as the blood bank. Additionally, they explored the Krsnaa lab to learn about modern diagnostic machines. This hands-on experience enriched the understanding of students about clinical diagnostics.

Report

A group of approximately 33 students visited Simbaquartz Private Limited in Tangra, Amritsar, as part of their industrial visit. During the visit, the students gained valuable insights into the software development process, including the various stages of development and the testing procedures involved.

The experience allowed them to understand the practical applications of their academic learning in the industry. After the visit to Simbaquartz, the students traveled to the Wagah Border, where they witnessed the famous flag-lowering ceremony. It was an enriching cultural experience, offering a sense of patriotism and pride.

Following this, the students visited Harmandir Sahib (Golden Temple) in Amritsar to seek blessings and reflect on their spiritual journey. The visit was a blend of technical learning and cultural exploration, making it a memorable and insightful trip for all the students.

